



# The Gazette of India

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*Separate paging is given to this Part in order that it may be filed as a separate compilation.*

## PART II—SECTION 1

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 22nd May 1948

##### Applications for Patents

TITLES HAVE BEEN ABRIDGED

From 6th May to 12th May 1948

39635. Automatic Telephone & Electric Company Limited. Electrical signalling systems. (14th June 1947).

39636. Carnegie-Illinois Steel Corporation. Electro-deposition of tin.

39637. A. C. Cossor Limited. Thermionic valve circuits for generating scanning and like potentials.

39638. Wingfoot Corporation. Extensible skin plaster.

39639. Societe Des Usines Chimiques Rhone-Poulenc. Phenthiazine derivatives. (1st April 1948). [Addition to No. 36475].

39640. The General Electric Company Limited. Monitoring of multi-channel pulse signalling systems. (8th May 1947).

39641. Pease, Anthony Equipment Co. Treating gas. (15th September 1947).

39642. S. K. Gupta. Electric bulb holders.

39643. D. Pal. Bobbins.

39644. J. Becvar. Walls and processes and apparatus for their production.

39645. Standard Telephones and Cables Limited. Remote indication of electric current frequency variation. (19th June 1947).

39646. Standard Telephones and Cables Limited. Electro-acoustic transducers. (13th June 1947).

39647. Standard Telephones and Cables Limited. Electro-acoustic transducers. (19th June 1947).

39648. Imperial Chemical Industries Limited. Terephthalic acid. (9th May 1947).

- 39649. T. Teisen. Oil burning device.
- 39650. P. V. Dijk. Decortication of cashew nuts and like products.
- 39651. Canadian Industries Limited and Imperial Chemical Industries Limited. Electric blasting cap.
- 39652. W. J. Smith. Supplying molten glass. (30th May 1947).
- 39653. Tecalemit Limited. Lubrication and other fluid distribution systems. (21st May 1947).
- 39654. S. Kamesam. Laminated cross railway sleeper.
- 39655. S. Kamesam. Longitudinal laminated railway sleeper.
- 39656. S. Kamesam. Composite wood, bamboo and lime plaster composite house construction.
- 39657. Pilkington Brothers Limited. Art of tempering glass.
- 39658. Pilkington Brothers Limited. Art of manufacturing bent sheets of glass.
- 39659. Pilkington Brothers Limited. Art of bending and tempering sheets of glass.
- 39660. M. A. Chaudary. Plough.
- 39661. M. A. Chaudary. Filter-press.
- 39662. M. A. Chaudary. Treatment of edible oils.
- 39663. D. H. Remfry. System for freezing materials.
- 39664. D. H. Remfry. System of capacity control for reciprocating compressors.
- 39665. D. H. Remfry. Protective device for refrigeration compressors.
- 39666. Wingfoot Corporation. Package.
- 39667. Joseph Lucas Limited. Electricity storage batteries. (19th May 1947).

#### Application Accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on

any one of the applications, referred to below, may at any time within four months of the date of this Gazette of India give notice at the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings, Street Calcutta, in due course. The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications, together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

**32347.** Standard Telephones and Cables Limited. Improvements in or relating to keying devices for high frequency circuits. (24th April 1944).

*A rotatable commutator for use at radio frequencies coupling an input circuit to output circuit one at a time for successive equal periods while blocking others.*

**33014.** Anglo-Iranian Oil Company Limited. Improvements in the production of polystyrene compositions. (2nd January 1943).

*Incorporating polystyrene with hydrocarbons.*

**33831.** Power Jets (Research & Development) Limited. Improvements in and relating to the manufacture of rotors and blades for gas turbines. (22nd December 1944).

*Two walls of hollow root of sheet metal blade deformed and retained in root anchorage by locking means.*

**34415.** G. F. C. Caswell. Improvements in scaffolding and like clips.

*Clip devoid of screws, bolts, or similar devices is bent from spring steel and is of U-shape, the limbs being bent downwardly to form two hook shaped portions.*

**34472.** S. Mahadeva. Improvements in or relating to roof tiles. (29th March 1945).

*Tile of curved cross-sectional shape is provided on its concave side, as or near its longitudinal edges, with one or more complementary projections or recesses.*

**34608.** Standard Telephones and Cables Limited. Improvements in distributor arrangements for electric pulse communication systems. (17th April 1945).

*Distributor arrangement comprises means for producing two*

*trains of electrical pulses, a delaying arrangement and means for combining the undelayed and delayed trains*

**34932.** Power Jets (Research & Development) Limited. Improvements relating to rotary impellers and the like. (31st May 1945).

*Exciting impulses acting on the vanes is wholly or partly counterbalanced by the combined effects of the other impulses on the disc.*

**35168.** General Aniline & Film Corporation. Improvements in or relating to the treatment of resinous products with a view to increasing their resistance to abrasion, scratching, wear and solvents.

*Heating of halogen substituted acrylic compound at an elevated temperature.*

**35332.** Power Jets (Research & Development) Limited. Improvements in and relating to change speed gears and the like. (10th August 1945).

*Eccentrically mounted gear trains with means for bringing them into engagement with rotatably mounted housing and output shaft.*

**35333.** The General Electric Company Limited. Improvements in long-distance electric signal transmission systems comprising a large number of amplifying stages. (13th August 1945).

*Comprises large number of amplifying stages having a band width greater than that of signals and small number of stages of nearly equal band widths.*

**35387.** Boots Pure Drug Company Limited. Improvements relating to the manufacture of amidines.

*Heating a nitrite with ammonium thiocyanate or thiourea at a temperature such that a thiocyanic acid salt is formed.*

**35579.** J. G. Livingstone. Improvements in or relating to pouring outlets for vessels. (16th June 1945).

*Having a high point and a recess between its lip and said high point.*

**35649.** C. P. Disney. Improvements in a method of building piers for bridges.

*Driving a group of spaced load supporting piles into the ground down to a solid foundation, enclosing the group of piles within a wall, and forcing fluid cement down into the ground to fill the voids around the piles and throughout the ground structure.*

**35741.** Babcock & Wilcox Limited. Improvements in or relating to sprinkler stokers and methods of burning solid fuel. (1st October 1945).

*Comprising means for gathering ash from below the fuel bed on the grates of sprinkler stokers and discharging the ash from the grate at an end thereof.*

35771. Standard Telephones and Cables Limited. Improvements in or relating to storage of electrical impulses. (27th September 1945).

*Information recorded by selective operation of thermistors.*

35778. M. H. Thomas and United Dairies Limited. Improvements in or relating to the construction of roofs and their supports.

*Plurality of pyramidal units, each comprising framing members connected together to form the outline of the base of the pyramid an apex junction member and rafters converging from the base outline to the apex junction member the pyramidal units are arranged with their base outlines connected together a rigid coupling directly connects the apex junction members of each two adjacent pyramidal units.*

35786. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to optical systems comprising a correcting element for the correction of the spherical aberration of the system.

*Consisting a spherically refracting surface and an element consisting of a synthetic resin and artificial material.*

35841. Vandervell Products Limited. Improvements relating to lead-base bearing metals and bearings. (5th October 1945).

*Alloy of lead, tin, indium, copper, antimony and tellurium.*

36089. Philips Lamps Limited. Improvements in and relating to tubular metal structures. (26th October 1945).

*Comprises producing the soldering joint of tubes by heating the junction by high frequency eddy-current induction.*

36109. A. Din. Improvements in or relating to governors for oil engines.

*An eccentric engages a clutch plate fixed to the crank shaft, and operates the fuel pump through a set of levers, the position of the eccentric being controlled by a floating fulcrumed weighted lever.*

36161. British Insulated Callender's Cables Limited. An improved arrangement for detecting flow and the direction of flow of fluid in a tubular enclosure, suitable for use in locating leaks of fluid from such enclosure. (27th November, 1945).

*Heat transfer effected locally to or from enclosure wall temperature of which at two longitudinally spaced points on either side measured.*

36163. Dr. A. Ram, V. V. J. Rao and Y. P. Varshney. Improvements in or relating to the manufacture of double walled or multi-walled glass flasks such as vacuum or thermos flasks.

*Heating the outer wall near the flange of the inner one of a double walled glass vessel and drawing out the extra portion beyond the joint*

36212. The Decca Record Company Limited. Improvements in or relating to radio frequency transmitting apparatus. (21st August 1946).

*Of the type producing a plurality of synchronized transmissions from spaced antennae at unlike but related frequencies including means for regulating phase relationship.*

36228. The General Electric Company Limited. Improvements in or relating to Electric Cookers. (30th November 1945).

*Comprising a hob hinged to the cooker and a slideable bolts to secure the same.*

36442. Standard Telephones and Cables Limited. Improvements relating to multi-channel pulse communication systems. (28th December 1945).

*Comprises pulse translating means, and means for generating a train of boundary pulses.*

36648. Imperial Chemical Industries Limited. New or improved plastic detonating explosive compositions. (23rd January 1946).

*Comprising liquid explosive nitric esters with or without self explosive compounds, and a mixture of nitro-celluloses.*

36681. Procedes Sauter. Improvements in group switches, particularly for electrothermal apparatus.

*Insulating cylindrical rotor with sleeved contact members sleeved at each end with four tongues of each member distributed.*

36698. Krebs & Co. A. G. Process for the simultaneous preparation of sulphuric acid, hydrochloric acid and common salt from sodium sulphate or bisulphate.

*Comprises of reacting sodium sulphate or bisulphate with chlorine and sulphur dioxide.*

36852. P. S. Subramanyam. A portable septic tank for home use.

*Filter bed below tank, and drainage pipe to said bed having a bend, a siphon and air inlet holes.*

37062. L. L. Salfishberg. Improvement in package with cover or support therefor.

*Superposed layer sealed together with commodity with a marginal portion projecting with a sealing substance.*

36987. The General Electric Company Limited. Improvements in or relating to photographic flash-bulbs. (18th March 1946).

*Filament carrying material yielding actinic light and means for igniting material at one part of filament, so that combustion travels along it.*

**37007.** Standard Telephones and Cables Limited. Improvements in or relating to electro-magnetic vibratory devices (16th April 1946).

*Armature consists of a block of magnetic material mounted on a vibratable arm.*

**37015.** Aluminium Laboratories Limited. Improvements in or relating to separation of alumina values from phosphorus contaminated bauxite material. (21st March 1946)

*Digesting phosphorus-contaminated bauxite with caustic liquor effecting such digestion by adding calcium carbonate.*

**37067.** Standard Telephones and Cables Limited. Improvements in or relating to multiplex carrier signalling systems (8th May 1946)

*Comprises modulation of carrier by group of channels, the group occupying band not greater than an octave wide.*

**37152.** Blattmann & Co. Process for the production of starch conversion products.

*Subjecting starch to degradation by the action of acidic starch degrading chemical under vacuum, driving all the water, then heating to degrade starch*

**37222.** W. T. Henley's Telegraph Works Company Limited. An improved insulated electric conductor (16th May 1946).

*Conductor enclosed in braid of glass fibres treated with binding material and covered by vulcanised neoprene.*

**37230** Anglo-Iranian Oil Company, Limited. Improvements relating to the production of cyclohexane from hydrocarbon mixtures (9th August 1945)

*After initial fractionation olefin free hydrocarbon mixture is subjected to extractive distillation and the subsequent hydrogenation of cyclohexane—benzene mixture*

**37231.** Anglo-Iranian Oil Company Limited. Improvements relating to the production of cyclohexane (19th October 1945)

*Partial hydrogenation of benzene and then fractionating the product to get cyclohexane*

**37232.** Anglo-Iranian Oil Company Limited. Improvements relating to the production of benzene and other hydrocarbons by solvent processes (6th March 1946)

*Fractionally distilling the hydrocarbon mixture and subjecting the fraction between 73-77°c to the process of solvent processes*

**37244.** H. H. Thornberry and H. W. Anderson. A culture medium for the growing of micro-organisms.

*Solution of carbohydrate containing ions of lactate, phosphate, ammonium, magnesium, potassium and zinc is inoculated with micro-organism, buffered to a pH between 6.5 and 7.5 and maintained at 22° to 32°C.*

**37247.** The Raleigh Cycle Company Limited and W. Brown. Improvements in directional beam electric lamps. (25th January 1945).

*Lens system of annular plano-convex section and a forward pliro-convex lens moulded in one piece, and a right circular conical reflector, focal points of annular lens lies on lamp axis at principal focal point of forward lens.*

**37248.** N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to inductance coils and magnetic cores for use on high frequencies

*Comprises a core containing cubic ferrite having specific electrical resistance of at least 100 ohms/cm.*

**37267** K. G. Nayar. Compound radio inductance.

*Compound radio inductance coils with separate coils*

**37291.** Standard Telephones and Cables Limited. Glide path system

*Glide path is defined by the intersection of a first and second radiation pattern carrying differently characterised signal energy, glide path radiators displaced with respect to landing runway*

**37311** Standard Telephones and Cables Limited. Improvements in or relating to display arrangements for electric oscillographs (14th May 1946).

*An adjustable device is provided to produce a comparison quantity from a first indication and means to produce a second indication*

**37324.** F. R. W. Werneskoog. Constructional element and method for manufacturing the same

*Consisting two outer courses and an intermediate straw mat rail*

**37405.** P. Carpigiani. Improvements in mixing and scraping machines, especially adapted for use as ice-cream freezers.

*In a rotating cylindrical container is a helical screw scraper whose shaft is parallel to the shaft of the container and situated midway between the container wall and container shaft*

**37416.** Standard Telephones and Cables Limited. Improvements in or relating to electric resistance potentiometers (21st May 1946)

*Rotary potential divider comprising a resistance element of varying width and having a circular sleeve with n terminals, n being greater than 2.*

37432. Standard Telephones and Cables Limited. Improvements in or relating to telecommunication systems (9th March 1946).

*Connection set up by delay operator or over junctions in both calling and called directions.*

37436. C. U. R. A. Patents Limited. Improvements in the manufacture of refractory materials.

*Comprises zircon sand suspended in an aqueous medium consisting of a temporary binder and a water soluble salt of alginic acid.*

37454. Aveling-Barford Limited. Improvements relating to the charging of batch mixing and agitating machines.

*A portable rotatable carrier is pivoted at the center and has buckets at either end connected to spring balances.*

37511. Standard Telephones and Cables Limited. Remote control system

*Multichannel radio remote control system consisting of a transmitter, oscillator, modulator and receiver.*

37512. Standard Telephones and Cables Limited. Plug-in relay and socket therefor.

*A relay core and winding, a pole-piece and armature and a plurality of contract spring on one side of base and integral plug in terminal on other side.*

37524. Colibri Lighters Limited. Improvements in pyrophoric lighters. (5th June 1946).

*Lid being released to be opened by its spring, by means of cam which engages with spring-pressed retaining means and which cam is associated with and actuated by an operating wheel.*

37548. A. Ci'roen. Improvements in self-locking nuts. (3rd September 1945).

*Nut comprises a flange having a concave face, said face being elastically deformable by crushing under the effect of tightening and the screw threads of the bore of the nut extending as far as the concave face.*

37550. Abbott Laboratories. Streptomycin solutions. (16th August 1946).

*Dissolving streptomycin material in water, adding protective ingredient, adjusting the pH, and sterilising, all these being conducted under inert atmosphere.*

37556. Toledo Scale Company. Improvements in weighing scales.

*The movement of the lever towards its load counter-balancing position is governed by a mechanism responsive to the out-of-balance condition of the lever.*

37557. Consolidated Water Power & Paper Company. Improvements in or relating to a mineral coating composition, the process of coating paper with said composition, and the coated paper resulting from said process.

*Containing a mineral pigment, a modified starch and a deflocculating agent.*

37563. Standard Telephones and Cables Limited. Improvements in or relating to telephone apparatus. (2nd July 1946).

*Moulded apparatus housing unit detachably mounted on a connecting block for support and making plurality of connections.*

37570. Standard Telephones and Cables Limited. Aircraft location display system

*Means for producing a stationary optical representation of a craft, means for projecting it on a screen and means for controlling said projecting means for moving the said representation.*

37602. N. N. Khattar. Improvements in or relating to typewriter keyboard arrangements more particularly for use in languages of the Arabic group.

*A keyboard having in the home row the letters alif and lam positioned to be operated by the second figures of the hand.*

37653. Standard Telephones and Cables Limited. Electron discharge device.

*Plurality of electrodes, one or more electrode having a substantial distributed inductance to enhance inter electrode impedance at high frequency.*

37687. Boots Pure Drug Company Limited. Manufacture of 9-substituted phenanthridine derivatives. (1st July 1946).

*Heating N-substituted amidine with pentavalent phosphorus oxide, halide or oxyhalide.*

37689. A. Lewis. Improvements in and relating to folding chairs. (6th August 1946).

*The ends of a yoke shaped strut are pivoted to one of the two chair frames while the rail of the strut rides in guide slots provided in association with the other frame.*

37722. Standard Telephones and Cables Limited. Improvements in or relating to signalling over electric pulse communication systems. (8th July 1946).

*Means at a transmitter operated by control signal for shifting the pulses of the channel from one time position to another and a receiver responsive to the shifting.*

37738. Imperial Chemical Industries Limited. Biguanide derivatives (30th May 1947). [Addition to No. 32684].

*Reacting aryl-dicyanamide with an amine.*

37746. Western Electric Company, Incorporated. An improved variable density sound recording system. (31st October 1946).  
*A member vibrating according to current modulation simultaneously moving one side of each of a pair of light beams, these being aligned at the film and one of them inverted.*
37750. Creed and Company Limited. Improvements in or relating to printing telegraph receivers. (2nd May 1946).  
*Printing telegraph receiver comprising a platen, two pawls pivoted on type-carriage engaging feeding rack, retaining rack respectively, a function cam sleeve responsive to received signal and reciprocating said feeding rack endways a distance little more than one character space movement of said carriage.*
38021. Creed and Company Limited. Improvements in or relating to printing telegraph receivers. (21st June 1946).  
*Comprises a platen mounted in a stationary part of the machine, a traversable printing carriage.*
38024. Ciba Limited. Manufacture of halogen-choladienes (19th December 1946).  
*Treating 20:23-choladiene without exposure to light with a carbonic acid imide, amide or arylamide halogenated at nitrogen.*
38052. Tecalemit Limited. Improvements in heating apparatus.  
*Radiant heater having heat-emitting pipe carrying hot fluid and a heat reflecting trough partially surrounding the pipe so disposed to direct heat in a desired direction.*
38140. Setright Registers Limited. Improvements in or relating to portable ticket printing and issuing machines.  
*The fixed rear plate of the paper box has a central pea, the spring-loaded front plate being hinged.*
38142. Setright Registers Limited. Improvements in or relating to ticket printing machines.  
*Non-return wheels and not return pawls provide interlock between the actuating member and the value-printing element.*
38150. Standard Telephones and Cables Limited. Improvements in or relating to electric cables for high frequency transmission. (23rd September 1946).  
*A hollow tubular conductor consisting of a metallic tape, the tape being formed with transverse corrugation.*
38191. C. M. Sweet. Improvements in and relating to radio receivers.  
*Radio receiver comprising a headphones whose air-gap is adjusted by screwing earcap to which magnetic diaphragm is fixed, a tuning coil a rectifier all connected together and to earth and aerial connections to form a compact unit.*
38228. Creed and Company Limited. Improvements in or relating to printing telegraph apparatus. (24th October 1946).  
*Comprises a keyboard, a transmitter, a page printing telegraph receiver and means for associating the receiver to receive or print messages.*
38253. Standard Telephones and Cables Limited. Improvements in or relating to connecting arrangements of the plug and socket type for electrical conductors.  
*Jack strip arranged as a frame, having apertures normally closed being acted by a spring and a carriage made to bend the jack springs to open the operatures for insertion of plug prongs, and moved back to allow the jack springs to make contact.*
38261. J. A. Michie and High Speed Service Tool Company, Limited. Improvements in or relating to pedal cycle frames. (27th September 1946).  
*A main tube extending from midway of the head tube to a seat tube and continued to constitute rear fork tubes.*
38274. The Linde Air Products Company. Welding electrode nozzle. (10th March 1947).  
*Comprises of an electrically conductive body having a bore therethrough to receive electrode, and an electrically conductive tip connected at one end and having a bore extending therethrough, and means for adjusting the tip.*
38298. Lowell Specialty Co. Sprayer tank.  
*Filling opening located close to the pump opening, the pump cylinder having a portion of greater diameter than the pump opening.*
38318. N. V. Transorma Bundel-Sluit-Machine, B.S.M. Improvements in bundling machines.  
*A tying ring, rotating intermittently in one direction, holds the string end whilst the said ring is arrested the adjacent parts of the string are connected.*
38387. Filter Tips Limited. Improvements in or relating to the manufacture of cigarettes. (19th September 1939).  
*Filter tips inserted in continuous tobacco filling, in portions separated from one other by arcuate relative motion.*
38497. The Westinghouse Brake & Signal Company Limited. Improvements relating to annunciators.  
*One or more magnetic wires caused to move past an associated reproducing head to make announcement.*
38503. Henry Allday & Son (1922) Limited. Improvements relating to electric switches. (6th November 1946).  
*Pair of relatively slideable contacts carried by slide to effect mutual contact at one end and the other end to engage fixed contacts.*

38615. F. Perwolf. Selector index cabinet for perforated cards.  
*Two selector drawers capable of lateral motion relative to each other.*
38632. Standard Telephones and Cables Limited. Telephone Exchange System.  
*Concentration circuit common to all the operators' positions adapted to be used through cord circuit.*
38643. Clutsom & Kemp Limited, and C. Clutsom. Improvements in and relating to the attachment of helically wound wire-coils to edges of woven fabrics. (12th November 1946).  
*Woven fabric in which west thread at least one edge thereof is interlooped with convolutions of a wire-coil.*
38663. C. M. Sweet. Improvements in and relating to safety razors.  
*Double-edge slotted wafer type razor blade with one-piece razor holder with projecting members and safety guard edges extending beyond the cutting edges of blade.*
38576. Monsanto Chemical Company. Improvements in or relating to a process of preparing new tertiary amines and the tertiary amines resulting from said process.  
*Heating a 2-thenyl-chloride or bromide with N'-di or mono alkyl-ethylenediamine.*
38678. Philips Electrical Limited. Improvements in loud-speaking telephone arrangements. (29th March 1945).  
*Two loud speakers associated electrically with a hybrid coil or equivalent bridge circuit.*
38598. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to hot gas motors.  
*In this hot gas motor, the heat conveying medium partly or entirely passes from the liquid to the vapour phase and delivers the absorbed heat to the medium acting in the motor whilst passing from the vapour to the liquid phase.*
38639. A. W. Ranger. Improvements in printing machines of the flat bed type. (5th December 1946).  
*The usual rack and the toothed wheel drive between the bed and the impression cylinder is dispensed with.*
38645. International General Electric Company of New York, Limited. Improvements in or relating to light-diffusing article and manufacture thereof.  
*Radiation diffusing coating on translucent body, consists of particles of amorphous silica.*
38654. Vickers-Armstrongs Limited. Improvements in or relating to wire stitching machines. (25th May 1940).  
*Means for supporting the staples and means for clinching the staple legs.*
38717. A. T. Collins, and Thomas Collins and Company Limited. An improved method of, and machine for, moulding dough. (16th December 1946).  
*Converting the dough into a strip and engaging the surface of the strip with a stationary surface to roll it up.*
38793. Norak Hydro-Elektrisk Kvaefstofaktieselskab. Process of recovering potassium from diluted solutions.  
*Adding a soluble salt of highly nitrated secondary aromatic amine to the solutions.*
38859. Lewis Berger & Sons Limited. Improvements in or relating to coating compositions. (26th June 1941).  
*Cooking composition comprising a water-insoluble copper salt.*
38884. The Mullard Radio Valve Company Limited. Improvements in frequency modulated pulse signalling.  
*Frequency modulated pulse signalling system with a receiver giving pulse output and means controlled only by these pulses independent of signals arising during interval between successive pulses.*
38914. The General Electric Company Limited. Improvements in and relating to wide band electric filters. (27th January 1947).  
*Comprises two reactors, one connected in series with the primary winding of the transformer and the other connected in series with secondary winding of transformer.*
38969. Texaco Development Corporation. Improvements in or relating to the manufacture of synthesis gas.  
*Preheating carbon monoxide and hydrogen and mixing the gases at a reaction zone and then continuously withdrawing the gas.*
38976. O. J. Bruun. Improvements in or relating to cup-shaped foil capsules.  
*Compressing pleated metal capsule between a punch and a resilient dye and thereafter pressing the capsule side wall against the hard punch surface to produce relief grooves on capsules.*
38980. Saint Freres. A method of producing selvedges in fabrics woven on circular looms.  
*Cementing both the warp and weft threads by some physical or chemical process or embedded in a material and subsequently splitting the fabric.*
38991. Saint Freres. Device for combing warp threads and tightening the weft thread in a circular weaving loom. [Addition to No. 32626].  
*The spike carrying wheels being replaced by an endless spike carrying belt stretched about a pair of wheels.*

38992. Saint Freres. A shuttle for circular looms.

*The inside of the shuttle being provided with a cradle lined with inwardly directed stiff bristles.*

38993. Saint Freres. Circular looms and shuttles therefor.

*Mounting an idle roller at the front end of the shuttle adapted to co-operate with the driving roller.*

39037. F. T. Cooper. Improvement on electrical sound reproducing device for use on pianos and other musical instruments.

*Comprises two flat iron bars over which mounted permanent magnets and a voltage induction coil wound within the highest flux density of the magnetic bar.*

39058. A. Fioljuer-Jensen. Improvements in and relating to methods of producing materials of cellular structure suitable for insulating purposes, by burning clays or similar silicates in a rotary kiln.

*Burning clays or similar silicates admixed with substances which burn away during burning process in a rotary kiln revolving double the number of revolutions compared to number of revolutions for burning cement.*

39060. E. J. Smedegaard. Reinforced concrete structures and concrete bars therefor.

*Reinforced by means of flexible concrete bars incorporated in the structure.*

39076. L. Lempert. Improved device for displaying articles and facilitating selective removal thereof.

*Comprising a base with a spindle, a cover mounted on the spindle, a disc-like part with division pieces beneath the hood and revolving upon the spindle.*

39089. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to piston engines comprising two or more cylinders.

*Arrangement of crankshaft and its distance from the line and intersection of planes containing cylinders.*

39102. Ab Wicanders Korkfabriker. Method and means for the manufacture of blanks for caps and similar bottle seals.

*Blank strip is stamped, tightening material is put in said stamped parts.*

39115. A. W. M. V. Hees, Jr., and A. W. A. V. Hees. Improvements in and relating to the bearings of pedals, wheels, crankshafts, etc. for bicycles, perambulators and the like.

*An interposed ring of synthetic resin or synthetic resin incorporating a filler.*

39126. O. A. C. Von Myhre. Improvements in or relating to nibbling machines for cutting sheet material. (4th December 1947).

*Punch reciprocated by an eccentric mounted on a driving shaft disposed at right angles to the said punch, the shaft extending, at the end opposite to the eccentric, for engagement with a power drive.*

39136. Auto-Bookstalls Limited. Improvements in and relating to coin feed vending apparatus. (21st March 1947).

*The newspapers are stacked in a vertical pile and the uppermost paper is sucked and delivery means are also provided to raise the stack when the uppermost paper falls below a predetermined point.*

39179. The Anchor Chemical Company Limited. Improvements relating to the production of factices.

*Fats or fatty oils, sulphur and iodine is reacted at elevated temperature.*

39210. The Anchor Chemical Company Limited. Improvements in and relating to the manufacture of factices.

*Reacting sulphur with glycerides of the acids contained in liquid rosin.*

39214. H. Martin. Improvements in and relating to the welding of metal studs and the like to metal plates and the like.

*Welding effected by instantaneous and uniform formation of an arc between stud and plate, and regulating current during the process of welding.*

39337. Ciba Limited. Manufacture of new glucosides from strophanthus sarmentosus. (18th March 1947).

*Extracting with chlorinated solvent an extract obtained from strophanthus sarmentosus, extracting residual aqueous solution with alcohol and isolating glucosides from extract solution.*

#### Opposition Proceedings

An opposition has been entered by Birla Jute Manufacturing Co., Ltd., to the grant of a patent on application No. 37310 made by Nuddea Mills Co. Ltd.

#### Printed Specification Published

A limited number of printed copies of the undernoted specification are available for sale from the Manager of Publications, Civil Lines, Delhi or on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at one rupee each.—  
31534.

#### Patents Sealed

29177. 33451. 33794. 34800. 34829. 34833. 35022.  
65104. 85975. 86718. 86984. 37127. 37268. 37276.  
87418. 87693.

**Amendment Proceedings**

(1)

The request for amendment of the Specification in respect of patent No. 32665, which was advertised in the Gazette of India, Part II, Section I, dated the 8th March, 1947, has been allowed. Also the word "directly" occurring in Page 1, line 45 of the printed specification should be deleted.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Nicolo Pensabene, a subject of the King of Great Britain & Northern Ireland, of Bristol Road, Bridgwater, Somerset, England, seek leave to amend the specification and drawings in respect of Patent Application No. 33031. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214 Lower Circular Road, Calcutta.

(3)

Notice is hereby given under section 17 of the Indian Patents and Designs Act, 1911, that Prince-Smith and Stells Limited, of Burlington Shed, Keighley, Yorkshire, England, a British Limited Company, seek leave to amend their specification in respect of patent No. 36342. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette give notice of his intention to do so in the prescribed form (Form 6 of the Indian Patents and Designs Rule, 1933) at the Patent Office, 214, Lower Circular Road, Calcutta. The proposed amendments may be seen free of charge at the said Patent Office. Copies of the proposed amendments may also be obtained free of cost on application to Messrs. Remfry and Son, Stephen House, Dalhousie Square, Calcutta, who are the Agents in India for the applicants.

**Renewal Fees Paid**

19400. 19428. 19990. 20842. 21857. 22082. 22940.  
 23042. 23175. 23505. 23938. 24033. 24231. 24310.  
 24327. 24338. 24397. 24409. 25279. 25334. 25389.  
 25577. 26467. 26472. 26515. 26721. 27300. 27564.  
 27365. 27532. 27573. 27999. 28146. 28148. 28170.  
 28171. 28185. 28192. 28235. 28249. 28295. 28236.  
 28331. 28332. 28366. 28971. 29093. 29127. 29756.  
 29769. 29809. 29810. 29811. 29961. 30061. 30404.  
 30768. 31035. 31131. 31164. 31199. 31231. 31232.  
 31238. 31247. 31291. 31304. 31330. 31368. 31433.  
 31466. 31475. 31700. 31713. 31760. 32625. 32814.  
 32899. 32928. 33073. 33074. 33075. 33122. 33123.  
 33124. 33144. 33372. 34189. 34315. 35702. 35703.  
 35764. 35859.

**Restoration Proceedings**

Notice is hereby given that an order was made on the 31st March, 1948, restoring the patent No. 29004 and granted to V. Palanisami Chettiar and another for "Imitation precious Stones cutting machine".

**CORRIGENDUM***Calcutta, the 29th May 1948*

In the Gazette of India, Part II, Section I, dated the 27th December 1947—Page 1026, Column 2, Line 7, under the "Cessation of Patents,"

*Delete entry No. 23085.***Applications for Patents****TITLES HAVE BEEN ABRIDGED***From 13th May, to 19th May, 1948*

39668. R. K. Kundu. Electric heater.  
 39669. A. Howlett. Foot measuring appliances.  
 39670. Kodak Limited. Photographic processes. (13th May 1947).  
 39671. N. V. De Bataafsche Petroleum Maatschappij. Extractive crystallization process.  
 39672. N. V. De Bataafsche Petroleum Maatschappij. Executive fractionation process.  
 39673. N. V. De Bataafsche Petroleum Maatschappij. Extractive crystallization process.  
 39674. N. V. De Bataafsche Petroleum Maatschappij. Extractive fractionation process.  
 39675. The Indian Oxygen & Acetylene Company Limited. Separation of gas mixtures. (14th May 1947).  
 39676. P. B. Ghosh. Door and window openings. [Divisional date, November 14, 1947].  
 39677. The Dorr Company. Reducing ferric oxide.  
 39678. Abbott Laboratories. Inhalator device.  
 39679. Tecalemit Limited. Heating apparatus. (27th June 1947).  
 39680. Merz Engineering Company. Measuring workpieces by means of an elastic fluid medium. [Divisional date, January 2, 1947].  
 39681. Aktiebolaget Separator. Centrifugal separator.  
 39682. Rao Sahib A. R. Narayana Rao. Neutralising inductive interference in telephone circuits due to proximity of parallel power circuits.  
 39683. P. C. Mukherjee. Door lockers for railway carriages and the like.  
 39684. The Director, Haffkine Institute. Preparation of 2-(Para-amino-benzene-sulphonamido)-thiazole.  
 39685. Meldrums Limited. Mechanical stoker for feeding solid fuel to furnaces. (17th May 1947).  
 39686. United States Rubber Company. Recovery of fluosulfonic acid. (17th May 1947).  
 39687. United States Rubber Company. Recovery of fluosulfonic acid. (17th May 1947). [Addition to No. 39686].

39688. American Cyanamid Company. Preparation of substituted pterins. (2nd August 1947). [Addition to No. 34752].
39689. A. M. H. Bake. Pre-heating of tea-leaves before fermentation.
39690. E. I. Du pont de Nemours and Company. Recovery of maleic or phthalic anhydride from process gases.
39691. De Directie Van De Staatsmijnen in Limburg. Compound manure from an acid solution, which contains fluorine, as well as calcium and phosphoric acid.
39692. De Directie Van De Staatsmijnen in Limburg. Compound manure from an acid solution, which contains fluorine, as well as calcium and phosphoric acid.
39693. De Directie Van De Staatsmijnen in Limburg. Dicalcium phosphate from an acid solution, which contains fluorine, as well as calcium and phosphoric acid.
39694. A. R. Standaert. Phosphatic fertilisers. (19th May 1947).
39695. United Helicopters, Inc. Helicopters.
39696. O. V. Bulleid. Loadbearing structures adapted for use as wagon or carriage underframes. (17th July 1944).
39697. Vickers-Armstrongs Limited. Surface coating of web materials. (20th May 1947).
39698. Vickers-Armstrongs Limited. Automatic safety mechanisms for mechanically operated cutting knives severing strip materials. (20th May 1947).
39699. Vickers-Armstrongs Limited. Applying lace and like ornamental edging to boxes. (20th May 1947).
39700. E. K. Cole Limited. Gramophone pick-up devices.
39701. E. K. Cole Limited. Electric signal amplitude limiter circuits.
39702. E. K. Cole Limited. Moving coil loud speakers.
39703. E. K. Cole Limited. Moving coil loud speakers.
39704. E. K. Cole Limited. Mounting of focussing magnets for cathode ray tubes.
39705. E. K. Cole Limited. Converting reciprocatory motion into rotary motion.
39706. E. K. Cole Limited. Volume control in radio receivers.
39707. E. K. Cole Limited. Clock controlled electric switches.
39708. E. K. Cole Limited. Radio receiver with clock controlled switch.
39709. E. K. Cole Limited. Radio receiver with clock controlled switch.
39710. E. K. Cole Limited. Radio relay systems.
39711. E. K. Cole Limited. Radio receivers provided with an alarm device.

39712. Standard Telephones and Cables Limited. Electric pulse demodulators. (5th June 1947).
39713. R. Gray. Tongs.
39714. N. V. De Bataafsche Petroleum Maatschappij. Stabilization of organic compounds of high-molecular weight containing inorganic acid-forming elements.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of a patent on any one of the applications, referred to below, may at any time within four months of the date of this *Gazette of India* give notice at the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings, Street, Calcutta, in due course. The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications, together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

27133. Societe De Prospection Electrique Procedes Schlumberger. Method and apparatus for conducting different investigations simultaneously in a bore-hole.

*Periodically variable electro-magnetic fields created inside the bore-hole and measuring separately on the surface of the ground characteristic chosen for each field in question.*

30103. The General Electric Company Limited. Improvements in tracking arrangements for electrical circuits of variable resonance. (23rd October 1942).

*Inductor consisting of L and L<sub>p</sub> in parallel and capacitor consisting of C and C<sub>p</sub> in series co-operate as parallel turned circuit ; L|C = R<sup>2</sup> where R is constant ; L<sub>p</sub> = R|2 π f<sub>c</sub> and C<sub>p</sub> = 1|2 π f<sub>c</sub> where f<sub>c</sub> is tracking difference of frequency.*

30795. W. T. Henley's Telegraph Works Company Limited. Improvements in or relating to floats for use in the manufacture of water-buoyant electric cables or for other purposes. (28th November 1942).

*Buoyant electric cable comprising core, conductors and a flexible waterproof covering wherein core comprises a flexible float made up of a series of laterally rigid cellular elements coupled together by flexible coupling members,*

34378. Power Jets (Research & Development) Limited. Improvements relating to the construction of rotors for compressors and like machines. (16th January 1945).  
*Discs held together by axial tension element, stress produced being transmitted to the discs at their peripheries.*
34329. Centre National De La Recherche Scientifique. Improvements in and relating to electrostatic machines.  
*Movable conducting members has thickness at least equal to distance between a movable member and a member influencing it.*
34330. Centre National De La Recherche Scientifique. Improvements in and relating to electrostatic machines.  
*Electrostatic quality of the fluid dielectric is at least equal to 0.004 joules per cubic centimetre.*
34365. Metropolitan-Vickers Electrical Company Limited. Improvements in electrical energy regulators for hot plates and the like. (2nd August 1944).  
*Adjusting cam effects displacement between thermal element and switch in a direction perpendicular to the terminal members.*
34539. W. R. G. R. Fernando. Buttons for garments and the like. (5th April 1945).  
*Disc with attached clasp comprising a stem with an arm bent at acute angle and then extended and bent to an arc.*
34631. G. D. Alvarez. Improvements in planting apparatus.  
*A furrowing and covering unit the latter being composed of two vertical walls having their lower portions curved out.*
34888. Schweizerische Lokomotiv-Und Maschinen-fabrik. Improvements in or relating to process for decreasing thermal stresses in internal combustion engines.  
*Cooling of suction air in a supercharged engine by means of a refrigerator or a cooling apparatus.*
35288. W. B. Lodge and G. A. Corden. Improvements in or relating to unloading or discharging of coal or other minerals at mine shafts. (13th November 1945).  
*Rams on either side cage alternately eject a full car on cage replacing an empty car entering from opposite side.*
35389. Western Electric Company, Incorporated. Method and device for measuring the relative speed of two objects such as a vessel and aircraft and a target. (6th October 1944).  
*Two equal, opposite changing voltages so adjusted to be simultaneous with received echoes; rate of change of one voltage is a measure of relative speeds of observing aircraft and target.*
35465. Standard Telephones and Cables Limited. Improvements in or relating to impedance-transforming transmission line devices.  
*Consist of two groups of conductors connected at one end, one of the impedances being connected at a point on one of the groups and other impedance near point of junction of the groups.*
35471. Turners Asbestos Cement Company Limited. Improvements relating to the handling and stocking of sheets.  
*Suction device is carried and mounted to swing in a frame which rocks about a horizontal axis and means for constraining suction device to travel in a vertical path.*
35472. Turners Asbestos Cement Company Limited. Improvements relating to the colouring of asbestos-cement and like materials.  
*Layer of pigment is bound to asbestos-cement while in plastic state by fluxing an intermediate layer consisting of discrete particles of binding materials.*
35473. Turners Asbestos Cement Company Limited. Improvements in plants for the treatment of asbestos-cement or like sheets in the plastic state.  
*The sheets are carried by conveyors which in the main are intermittently driven and automatically controlled.*
35474. Turners Asbestos Cement Company Limited. Improvements in plants for the mechanical treatment of asbestos-cement or like sheets in the plastic state.  
*Comprises an endless conveyor arranged to deliver sheets one by one on a receiving surface below it.*
35475. Turners Asbestos Cement Company Limited. Improvements in plants for the treatment of asbestos-cement or like sheets in the plastic state.  
*Two or more conveyor lines and associated apparatus to produce products desired, mechanism to deliver each sheet to any of the lines and adjustable means for causing the mechanism to deliver a sheet to the selected line.*

35760. J. Hoza. Improvements relating to shoes and to the method of making same.  
*Bottom marginal edge of upper is turned in and fastened to inner sole to provide an unlapped portion which constitutes a part of actual bottom of the shoe.*
35877. Standard Telephones and Cables Limited. Improvements in or relating to electric signalling systems. (19th October 1945).  
*Closed-loop electric fire alarm system comprising sub-stations signalling their identities to main-station where indicators display sub-station codes simultaneously.*
35918. J. E. Kennedy. Improvements in gyratory crusher structure.  
*Grinding ring has upper portion thicker than lower portion and the mantle has its lower portion thicker than a standard mantle.*
35991. Standard Telephones and Cables Limited. Improvements in or relating to two-way electric pulse communication systems. (31st December 1945).  
*Two way multi-channel pulse communication system comprising pulse modulators connected to transmitters, demodulators connected to receiver, means for supplying pulse to each modulator in turn in odd numbered periods of time, and for supplying gating pulses to each of demodulators in turn in even numbered periods of time and for blocking the receiver in the odd numbered periods of time.*
36115. Ferranti Limited. Improvements in or relating to the automatic variation of the physical state of materials such as the dampness of cloth. (25th October 1945).  
*Moving material through treatment zone, deriving voltage proportional to physical states of material and accelerating motion of material.*
36126. The Buckeye Steel Castings Company. Improvements in railway car couplers.  
*The coupler comprises a head having a forwardly projecting guard arm at one side thereof and a rearwardly extending aligning wing pocket at the opposite side thereof, and the pocket has an open bottom.*
36277. General Aniline & Film Corporation. Improvements in or relating to gelatinous materials adapted for the production of photographic films and the like.  
*Introducing acryloyl chloride in a suspension of sodium amide in a solvent and recovering polyvinylisocyanate from the reaction mixture.*
36616. British Industrial Plastics, Limited. Improvements in and relating to melamine formaldehyde resins. (30th September 1946).  
*Reacting melamine with formaldehyde in solution at a pH not below 8.*
36673. Krebs & Co. A. G. Process for obtaining sulphuric acid and common salt by treatment of solid sodium sulphate or bisulphate with hydrochloric acid.  
*Reacting dry sodium sulphate or bisulphate with hydrochloric acid.*
36799. Corgi Motor Cycle Company Limited and Dolphin Industrial Developments Limited, improvements in bicycles. (19th February 1946).  
*A bicycle in which the handles are individually pivoted. The handles can be swung upwards or downwards.*
36998. G. V. Shirgaokar. A process or method of calcining in a controlled manner, calcareous stones such as marble and other limestones in order to change their colour.  
*Calcining limestone at a temperature of 400° to 700°C. to change its colour.*
37097. Imperial Chemical Industries Limited. Drawing of aromatic polyester structures.  
*Feeding structures from a cold roller to a roller which is heated to a temperature of at least 60°C.*
37115. J. Schockaert. Improved installation for the electrically controlled remote transmission of indications.  
*Electrically controlled indicating panels are connected in parallel for simultaneously production of signs.*
37174. Interchemical Corporation. Improvements in or relating to pigment-dyeing of fabrics. (11th October 1946).  
*Applying to the fabric a dispersion of a pigment in an aqueous solution of a water-soluble heat-precipitable alkyl cellulose, which may also contain thermosetting resin, heating and drying the fabric.*
37211. Eli Lilly and Company. Improvements in or relating to process of producing diphenylacetonitriles and the product resulting therefrom.  
*Reacting benzaldehyde cyanhydrin with benzene in the presence of boron trifluoride or its etherate.*
37227. The Parker Pen Company. Improvements in fountain pens.  
*Having ink reservoir, a filling mechanism and an ink feed assembly containing an overflow ink collector.*

- 37228.** Kennedy Van Saun Mfg. & Eng. Corporation. Method and apparatus for handling finely divided materials.  
*Finely-divided material normally retained in the air stream is kept in a closed cycle and brought back to the initial point.*
- 37471.** F. Finnemore. Travelling mould.  
*A pair of vertical spaced side wall members and front end wall member co-acting in plunger fashion by means of a hand lever.*
- 37487.** Boots Pure Drug Company Limited. Improvements in and relating to the manufacture of heterocyclic amines. (30th May 1946).  
*Reacting a guanidine derivative of formula R.SO<sub>2</sub>NH.(=NH)NH<sub>2</sub> with a primary diamine.*
- 37502.** V. Bumba. Improved cabinet for gramophone records and other rigid flat articles.  
*Comprises individual compartment for each record and a pivoted lever slideable along a shaft so that the particular can be raised by the palm of the lever by depressing the projected end of said lever.*
- 37577.** Standard Telephones and Cables Limited. Improvements in or relating to long distance telephone exchange systems. (9th March 1946). [Divided out of No. 37431].  
*Discriminating means in national circuits but not in international circuits which responds to signal incoming over international circuit.*
- 37615.** Distillation Products Inc. Process of distillation of oxidisable fat soluble substances. (24th June 1939).  
*Adding glyceride oil containing antioxidant and subjecting the product to the high vacuum unobstructed path distillation.*
- 37616.** Distillation Products Inc. Improvements in vacuum distillation. (12th February 1940).  
*Subjecting organic material to a multi-stage high vacuum distillation in the form of thin film and between the steps removing the undissolved solid.*
- 37617.** Distillation Products, Inc. Improvements in vacuum distillation. (31st July 1940).  
*Rotatable inverted cone shaped vaporising surface and a series of condensing surface inside the vaporising surface.*
- 37638.** Hüssmann-Ligonier Company. Refrigerated display case.  
*Containing a lower food chamber and an upper chamber containing the apparatus for cooling in communication with the lower one.*
- 37664.** The Superheater Company Limited. Improvements in and relating to steam superheater elements for use in locomotive and other smoke tube boilers. (29th June 1946).  
*Relates to manufacture and constructional design of multiple pipe elements for locomotive boiler super-heaters.*
- 37753.** Standard Telephones and Cables Limited. Improvements to high frequency transmission circuits making use of power lines.  
*Comprising elements in the power line and elements in the tap to or from the power line which in combination provide in the power line a band-rejection effect and in the tap, a band pass effect.*
- 37740.** J. C. Fourmanoit. Improvements in and relating to the manufacture of steel.  
*Use of a product obtained by impregnation of calcined limestone with a carburizing substance.*
- 38054.** The Dorr Company. Process and apparatus for reacting finely divided solids with gases in an enclosed chamber.  
*Comprises maintaining solids in an ever changing bed fluidising into a turbulent mobility by dispersely passing an oxygen-bearing gas, effecting combustion by impelling fuel to the bed.*
- 38065.** Hartford-Empire Company. Improvements in or relating to apparatus for homogenizing and equalizing the temperature of molten glass or other viscous material in a forehearth or like structure.  
*Comprising glass stirring and impelling means located in fixed positions in the flow channel leading to a delivery chamber.*
- 38122.** The Linde Air Products Company. Wide desceming process and nozzle. (16th May 1947).  
*An inlet portion of constant diameter, a central portion of frustoconical shape and outlet portion of constant diameter twice that of the inlet portion.*
- 38139.** Setright Registers Limited. Improvements in or relating to ticket printing and issuing machines.  
*Portion of the mutilated gear wheel having no teeth is formed as a sector of a greater radius than the root radius of the wheel.*
- 38242.** C. A. Rothenheim. New medicinal preparation for skin diseases. [Addition to No. 33422].  
*Heating phenyl mercury with benzoic acid, salicylic acid, boric acid, nitric acid or benzodicarboxylic acid.*

38644. British Insulated Callender's Cables Limited. Improvements in electricity meters. (14th December 1946).  
*Vane or sheet magnetic material pivoted to move parallel with magnet to form shunt for magnetic flux.*
38686. E. M. Arthur. Rivetting device. (22nd January 1947).  
*Two arms pivoted together at their inner ends and having a clamping jaw on the outer end of each arm.*
38697. Distillation Products Inc. Improvements in or relating to the production of a vitamin A intermediate.  
*Reacting B-ionylidene ethanol with aluminium alkoxide or magnesium alkoxide in the presence of acetone.*
38520. The Wellcome Foundation Limited. Improvements in and relating to the production of an antibiotic. (21st December 1946).  
*Making a culture of bacteria known as *Bacillus aerosporous Greer* or *Bacillus polymyxa Migula*, removing cells, treating with charcoal and eluting the antibiotic from the charcoal.*
38700. S. A. C. E. Farrance. Improvements in or relating to tea or coffee pots. (12th October 1945).  
*Coffee pot having a cylindrical container formed with several cut out portions covered with gauge like material.*
38799. Standard Telephones and Cables Limited. Improvements in or relating to electric broadband carrier communication system. (2nd January 1947).  
*Comprising modulating means shifting the frequency band of each channel signals so that it occupies a corresponding position in the broad band, the composite signal being applied to phase modulate a carrier.*
38850. P. R. Mallory & Co., Inc. Alkaline dry cell.  
*Retaining wall and terminal insoluble in electrolyte and having low potential to amalgamated zinc in contact with zinc anode.*
38862. B. Jorgensen. Improvements in or relating to cigar or cigarette lighters. (19th August 1947).  
*Lighter casing embodies a compartment adapted to contain an absorbent for the vaporisable liquid.*
38868. H. G. Martin. Improvements in writing instruments. (19th April 1945). [Divided out of No. 35655].  
*Having an ink reservoir fitted with a deformable bag of flexible character which is susceptible to diminution in volume with the gradual exhaustion of ink.*
38891. D. Rushworth. Improvements in or relating to self winding cable and like reels.  
*A drum on which a predetermined amount of cable is wound, a spring to turn the drum and a chamber.*
38923. The Aluminium Plant & Vessel Company Limited. Improved method of and apparatus for welding metals. (16th September 1946).  
*Comprising a supporting means for work, a welding tool on the work or clamping means, guiding means for the welding tools.*
38955. H. R. Ricardo. Improvements in or relating to thermal power plants. (23rd January 1947).  
*A liquid heat-conveying medium after being heated from an outside source is brought into direct contact with the gaseous working medium in the circuit for transferring the heat.*
38984. The Dayton Rubber Company. Improvements in and relating to roller coverings, especially for use in connection with printing and textile machinery. (10th September 1947).  
*Solid inner layer of rubber and an outer sponge layer having pores.*
39041. K. R. Medway. Improvements in or relating to parking arrangements for garages, parking places and the like for automobiles, lorries and other vehicles.  
*Comprising a plurality of adjacent parallel rows of movable platforms and means for moving said platforms sideways.*
39065. Union Oil Company of California. Process for separating wax from oil.  
*Cooling the wax-oil mixture and then separating this wax by dissolving the oil by means of a solvent.*
39073. Sponcel Limited. Solid artificial sponges and method of manufacturing same.  
*First slightly constructing the material issuing from the pressing machine and then allowing it to expand.*
39116. F. Mascarenhas. Improvements in or relating to keys for securing permanent way rails to their rail chairs, and to modifications in rail chairs to be used therewith.  
*The key in section is in the shape of a "T".*
39159. L. Y. Kai. An independent sole support for removable clog members.  
*Provided with a sole support with means for detachably securing removable sole and heel blocks.*
39220. Wingfoot Corporation. Packaging apparatus.  
*The articles are placed on a heated rubber hydrochloride film, stretched on a table, which is then folded over.*

39252. R. J. Southwell. Improvements in unwoven wire cloth.

*Bonding strands of metallic wire laid one above the other by a plastic or the like composition.*

39263. Dobson & Barlow Limited and F. Walsh. Improvements in and relating to weighting systems for textile machinery rollers. (23rd January 1947).

*Interposing a lever pivoted at different points between the weight hook and the continuation of the weight hook.*

39264. Dobson & Barlow Limited and F. Walsh. Improvements in and relating to weighting systems for textile machinery having drafting rollers. (23rd January 1947).

*A weight lever carrying a load at the front end and pivotally mounted on a fulcrum pin, the pivotal mounting having a L-shaped slot.*

39265. Dobson & Barlow Limited and F. Walsh. Improvements in and relating to weight saddles for textile machinery rollers. (23rd January 1947).

*The weight saddle being constituted by forth member to apply weight to different rollers individually.*

39274. Smith's Jacking Systems Limited. Improvements in or relating to lifting jacks. (1st August 1947).

*Two ground engaging struts pivotally attached to their upper end of the assembly and adapted to be moved apart at their lower ends.*

39283. Eli Lilly and Company. Improvements in or relating to process of obtaining crystalline salts of penicillin.

*Treating alkyl acetate solution derived from the filtered broth obtained from the broth in which the penicillin has been grown with a potassium or sodium salt.*

39292. The General Electric Company Limited. Improvements in and relating to multi-channel carrier systems employing power lines. (10th March 1947).

*Conveying two or more signal bands each signal band including one or more signals.*

39293. The Indian Oxygen & Acetylene Company Limited. Improvement, in or relating to the production and administration of inhalant mists. (18th March 1947).

*Comprising an oro-nasal mask, a container for liquid to be atomised and an atomising device associated with said container and adapted to be supplied with a viscous entrainment agent.*

39296. E. P. Sharp and S. C. Morrell. Improvements in and relating to liquid fuel atomisers or carburetters. (29th November 1946).

*The throttle valve and the needle valve of the variable jet are mechanically connected so that movement of the throttle simultaneously causes relative axial movement between needle and jet.*

39298. Harry Ferguson, Inc. Tractor hoist. (12th April 1947).

*Lifting boom pivoted for swinging movement with movable attachment which varies in distance from pivot point of the boom.*

39304. Intabo A. G. Semi-automatic weaving loom.

*Batten effecting the change of shed and feed of the work piece whilst whips effect the movement of the shuttle.*

39323. The Permutit Company Limited. Improvements relating to apparatus for the treatment of water. (1st April 1947).

*Having flow pipes ending in different levels and in different distances from the main central portions.*

39326. Aluminium Company of America. Improvements relating to the brightening of the surfaces of aluminium articles.

*Immersing aluminium articles in solution containing phosphoric acid, nitric acid and water at a temperature of 70°—110°C.*

39327. J. Villars. Lifting appliances for vehicle.

*A single driving member housed in one column and this driving member is mechanically linked to one end of the mobile equipment.*

39328. The General Electric Company Limited. Improvements in electron discharge valve circuits for use in voltage stabilising devices. [Divided out of No. 35908].

*Comprising a valve arranged in series between an input and an output terminal, a network consisting of a negative and positive resistance, a tapping point of the network connected to the grid of said valve.*

#### Printed Specifications Published

A limited number of printed copies of the undernoted specifications are available for sale from the Manager of Publications, Civil Lines, Delhi or on Cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at one rupee each :—

30624. 31663. 31664. 32014. 32015. 32496. 32784.  
34083. 34543. 34622. 35374. 35421. 35444. 35545.  
35551. 35555. 35557. 35587. 35614. 35647. 35774.  
36559. 36778. 36945. 37079. 37528. 37741. 37744.  
37765. 37771. 37774. 37841. 37852. 37867. 37894.  
37909. 37982. 37988. 38043. 38059. 38123.  
35739. 36387.

#### Patents Sealed

32535. 33639. 33739. 34212. 34473. 34592. 34614.  
34692. 34830. 34858. 34889. 34898. 35067. 35156.  
35179. 35256. 35286. 35764. 36203. 36623. 37259.  
37804,

**Amendment Proceedings**

(1)

The request for amendment of the specification in respect of Patent No. 30879, which was advertised in the Gazette of India, Part II, Section I, dated the 26th January 1946, has been allowed.

(2)

The request for amendment of the specification in respect of Patent No. 30618, which was advertised in the Gazette of India, Part II, Section I, dated the 6th April, 1946, has been allowed.

**Renewal Fees Paid**

The time for payment of renewal fees in respect of the patents shown under this heading and marked with asterisks was extended under the Indian Patents and Designs (Extension of Time) Act, 1942.

21352. 22045. 22062. 22095. 22115. 22422. 22443. 23040. 23085. 23117. 23118. 23183. 23184. 23186. 23187. 23858. 24450. 24457. 25196. 25461. 25462. 25464. 25538. 25559. 25564. 25579. 25582. 25583. 25584. 25605. 25622. 25730. 26451. 26528. 26668. 26839. 26852. 26866. 26867. 26893. 26905. 27622. 27631. 27731. 28018. 28120. 28141. 28470. 28982. 28992. 28995. 28999. 29006. 29007. 29334. 29582. 29611. 29618. 29644. 29674. 29679. 29823. 29852. 29933. 29955. 30012. 30026. 30062. 30063. 30077. 30145. 30275. 30809. 30910. 30946. 30952. 30956. 31056. 31186. 31202. 31204. 31346. 31412. 31415. 31514. 31516. 31541. 31603. 31775. 32721. 32904. 32924. 32966. 32967. 33516. 35858. 36017. 36021. 36444.

**Extension of the Term of Patent**

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911, for extension of the term of patent No. 19871 for "A process for impermeabilizing or fixing pervious or loose subsoil layers, such as sand soils or sand masses, and for impermeabilizing porous masonry and other stony materials" has been left at the Patent Office on behalf of Naamlooze Venootschap De Bataaf-sche Petroleum Maatschappij. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta. Any person desirous of opposing the grant of extension of the term of this patent shall within two months from the date of this notification lodge with the Controller of Patents and Designs at the above address, a notice on form 6 of the Indian Patents and Designs Rules, 1933, and shall at the same time serve a copy of such notice upon the petitioners c/o Messrs. Remfry & Son, "Stephen House", Dalhousie Square, Calcutta.

**Cessation of Patents**

[The entries under this heading should not be regarded as final in view of the Indian Patents and Designs (Extension of Time) Act, 1942].

19577. 19598. 20684. 21559. 21590. 21601. 22387. 22552. 22561. 23349. 23592. 23593. 23626. 23628. 23631. 24236. 24847. 24853. 24854. 24859. 24874. 24884. 26114. 27141. 27154. 27160. 27161. 27169. 27177. 27863. 27877. 27882. 27928. 28031. 28595. 28607. 29300. 29302. 29304. 29313. 29317. 29319. 29324. 29325. 29326. 29327. 29329. 29332. 30410. 30416. 30418. 30419. 30420. 30422. 30424. 30426. 30431. 30432. 30433. 30434. 30435. 30436. 30438. 30440. 30441. 30442. 30473. 30980. 31845. 31948.

**Restoration Proceedings**

(1)

Notice is hereby given that an order was made on the 11th May, 1948, restoring patent No. 19400 as dated as of 21st November, 1932, and granted to P. M. Madurai Mudaliar and Sons for "Sugar Cane Power Mill".

(2)

Notice is hereby given that an order was made on the 11th May, 1948, restoring patent No. 19428 as dated as of 1st December, 1932, and granted to P. M. Madurai Mudaliar and Sons for "Horizontal Double Gear Sugar Cane Crushing Mill".

**Correction of Clerical Errors**

Under section 62 of the Indian Patents and Designs Act, 1911, the applicants were permitted on the 7th May, 1948, to correct certain clerical error occurring in their specification No. 35752.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration, except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs included in that entry.

**Copyright extended for a second period of five years.**

Design No. 67052 Class 1.

Design No. 67053 Class 3.

Design Nos. 68224, 68225, 68226, 68227, 68228, 68229, 68230, 68231 and 68232 Class 11.

Design Nos. 68233, 68249, 68269, 68270, 68271, 68272, 68372, 68373, 68374, 68375, 68376, 68377, 68378, 68379, 68380, 68430, 68431, 68432, 68433, 68434 and 68435 Class 13.

**Copyright extended for a third period of five years.**

Design No. 64630 Class 1.

Design No. 63343 Class 13.

**K. RAMA PAI,**  
*Controller of Patents and Designs.*